, # 10



1632

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/754,997A
DATE: 02/13/2002
TIME: 15:28:10

TECH CENTER 100/200

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Output Set: N:\CRF3\02132002\I754997A.raw

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 6 <120> TITLE OF INVENTION: NOPE Polypeptides, Encoding Nucleic
         Acids and Methods of Use
 9 <130> FILE REFERENCE: P-NI 4552
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12 <141> CURRENT FILING DATE: 2001-01-04
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15 <151> PRIOR FILING DATE: 2000-01-04
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18 <151> PRIOR FILING DATE: 2000-05-19
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38 ctg ctg tcc gcg cgc ggg gag ctg cca ttg ccc cag gag aca act gtc
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39 Leu Leu Ser Ala Arg Gly Glu Leu Pro Leu Pro Gln Glu Thr Thr Val
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42 aag ctg agc tgt gat gag gga ccc ctg caa gtg atc ctg ggc cct gag
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43 Lys Leu Ser Cys Asp Glu Gly Pro Leu Gln Val Ile Leu Gly Pro Glu
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46 cag get gtg gtg etg gae tge aet ttg ggg get aea get get ggg eet
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47 Gln Ala Val Val Leu Asp Cys Thr Leu Gly Ala Thr Ala Ala Gly Pro
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50 ccg acc agg gtg aca tgg agc aag gat gga gac act gta cta gag cat
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  Pro Thr Arg Val Thr Trp Ser Lys Asp Gly Asp Thr Val Leu Glu His
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54 gag aac ctg cac ctg cta ccc aat ggc tcc ctg tgg ctg tcc tca ccc
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55 Glu Asn Leu His Leu Leu Pro Asn Gly Ser Leu Trp Leu Ser Ser Pro
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58 cta gag caa gaa gac agc gat gat gag gaa gct ctt agg atc tgg aag
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59 Leu Glu Gln Glu Asp Ser Asp Asp Glu Glu Ala Leu Arg Ile Trp Lys
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62 gtc act gag ggc agc tat tcc tgt ctg gcc cac agc ccq cta gga gtg
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63 Val Thr Glu Gly Ser Tyr Ser Cys Leu Ala His Ser Pro Leu Gly Val
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TECH CENTER 1600/2900 FEB 2 5 2002

DATE: 02/13/2002

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RAW SEQUENCE LISTING

. RIENT APPLICATION: US/09/754,997A

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10	2 tt	t qt	g to	c to	g gt	.c cg	a ca	g ga	t gg	a aa	g cc	t at	c tc	c acq	g ga	t gtc	864	Į
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10	4		27	'5				28	0				28	5				
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11	0 ca	c tc	t gg	ja gt	c ta	ıt gt	.c tg	c cg	a gc	c aa	c aa	g cc	c ct	c ac	g cg	t gac	960	J
11	1 Hi	s Se	r Gl	y Va	ıl Ty	r Va	l Cy	s Ar	g Al	a As	n Ly	s Pr	o Le	u Th:	r Ar	g Asp		
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12	2 tt	c gt	g to	de ed	gg g	eg to	c gg	g ga	g cc	a cg	ig co	c go	g ct	g ca	c tg	g ctg	110	J4
		e Va			rg A	La Se	er Gl			o Ar	g Pr	LA O	a Le	u H1:	STI	p Leu		
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				Ly II	Le P	ro Le			o As	n Gl	y Ar	g va	гу гт гу	s va	T GT	n Gly		
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PAW SEQUENCE LISTING

US, 39/754, 997A

Light 10.1.14.

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187	Gly	v Val	L Pro	Ser	Glr	1 Trp	Met	GIr	His	s Arg	g Thi	PIC	э сту	va.	Гита	s Asn	
1.00	,	610	`				615)				021	,				1920
190) cag	gago	cat	gtt	CCC	ttt:	gcc	cct	gca	a gaa	1 CC	jady	y yug	, ay	y ycc τ Δla	a aag	
			r His	val	l Pro) Phe	A La	ı Pro	A L	ו טבע	л Let 635	r na.	s val		9 43.4.0	1 Lys 640	
192	625	5				630) - +	. +~-		T 000			t car		a acc		1968
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RAW SEQUENCE LISTING

DATE: 02/13/2002

FATENT APPLICATION: US/05,754,997A

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Output Set: N:\CRF3\02132002\1754997A.raw

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202	gca	gat	ggt	gac	ege	500	CCa	999	991	Cy C	gya	yaı	Caa	310	Lyy The second	yac Man	2004
	Ala	Asp	Gly	Asp	Arg	Pro	Pro		СТА	Arg	GTĀ	ASP		Ala	ттр	ASP	
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			CCC														2112
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218	gcg	ccc	acg	cca	gac	ctg	CCT	atc	cag	agg	999	CCa	CCG	CLY	Door	Dwa	2230
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	ьуs	туг	Glu		Ата	Val	GIII	ser		СТУ	vai	АБР	Mec	830	Gry	FIO	
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296					104					105				L			3216
298	aag	aga	aag	atc	tcc	tgg	gct	cag	gca	ggg	gga	cca	aac	tgg	gca	gge	3210
299	Lys	Arg	Lys	Ile	Ser	${\tt Trp}$	Ala	Gln	Ala	Gly	Gly	Pro	Asn	Trp	Ala	GIĀ	
300				106	0				106					107			2264
302	tcc	tgg	gca	ggc	tgt	gag	ctg	CCC	cag	ggt	agt	ggt	cca	agg	ccg	gct	3264
303	Ser	Trp	Ala	Gly	Cys	Glu	Leu	Pro	Gln	Gly	Ser	Gly	Pro	Arg	Pro	Ala	
304			107	5				108	0				108	5			2210
306	ctg	acc	cgt	gct	ctg	ctg	cct	cca	gcg	gga	acc	ggg	cag	aca	ctg	ctg	3312
307	Leu	Thr	Arg	Ala	Leu	Leu	Pro	Pro	Ala	Gly	Thr	Gly	Gln	Thr	Leu	Leu	
308		109	0				109	5				110	0			•	
310	ctq	caa	qcc	ctg	gtg	tat	gac	ggc	ata	aag	ago	aac	ggg	aga	aag -	aag	3360
311	Leu	Gln	Åla	Leu	Val	Tyr	Asp	Gly	Ile	Lys	Ser	Asn	Gly	Arg	Lys	ьys	
312	110	5				111	0				111	.5				1120	
314	cca	tec	cca	qcc	tgo	aqq	aat	cag	gtg	gaa	gct	gag	gto	att	gtc	cac	3408
315	Pro	Ser	Pro	Ala	Cvs	Arq	Asn	Gln	Val	Glu	Ala	Glu	Val	Ile	Val	His	
316		00			112	5				113	0				113	5	
319	taa	gac	ttc	aat	αca	t.cc	aaa	ασa	tat	cct	gac	cto	cac	ctc	caa	gac	3456
210	Cor	Acr	Dhe	Clu	Δla	Ser	Lvs	Glv	Cvs	Pro	Ásr	Leu	His	Leu	Gln	Asp	
320		тэР	1 110	114			_, _	1	114	5	-			115	0		
320	a+~	(T)		A = 0	່ແລລ	CCA	ctn	act			ract	. cta	cct	tcc	acq	tct	3504
322	T -	gag	D~	. yay	- 944 - 61.	Dro	. T.DII	Thr	Δla	G111	Thi	Leu	Pro	Ser	Thr	Ser	
		GIU			GIU	· FIC	, ucu	1116	0				116	5			
324			115	را										-			

VERIFICATION SUMMARY

DATE: 02/13/2002

PATENT APPLICATION: US, 09,754,757A